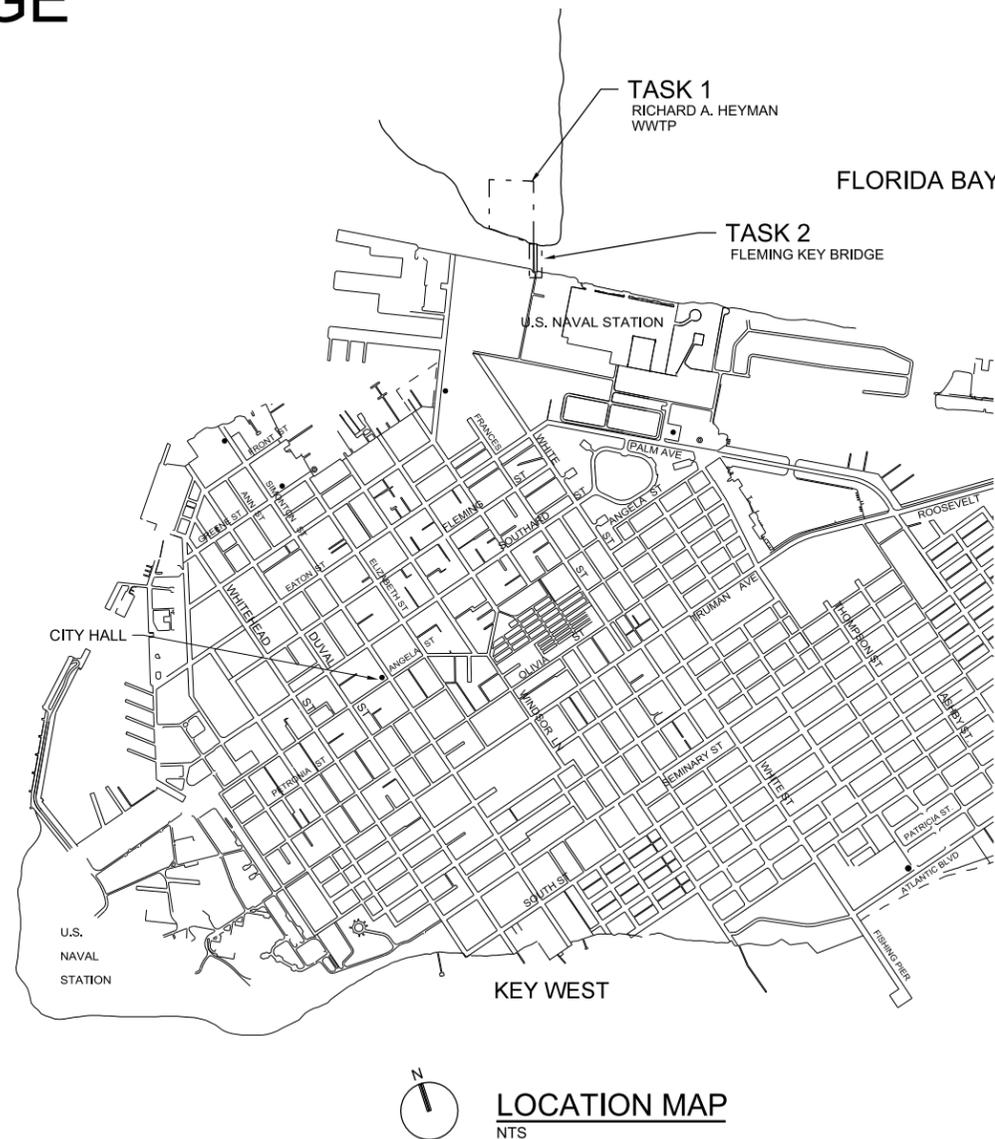
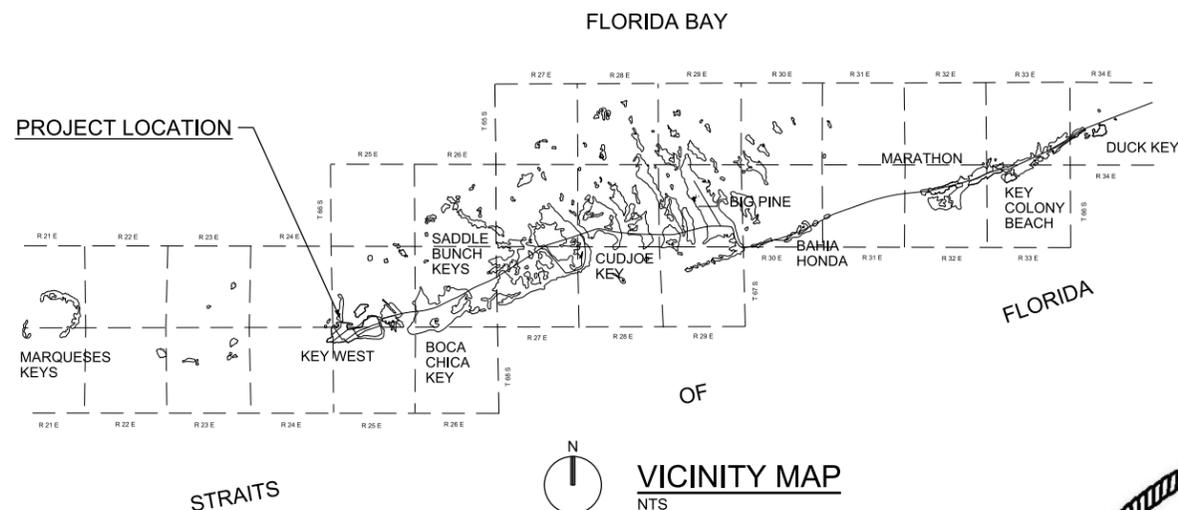


CONTRACT DOCUMENTS FOR THE CONSTRUCTION OF THE SWR: CONCRETE REPAIRS RICHARD A. HEYMAN ENVIROMENTAL PROTECTION FACILITY AND FLEMING KEY BRIDGE



INDEX OF DRAWINGS

DRAWING	SHEET TITLE
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G-3	SITE PLAN
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R-2	PRELIMINARY TREATMENT STRUCTURAL/MECHANICAL SECTION
R-3	AERATION BASINS STRUCTURAL/MECHANICAL TOP PLAN
R-4	SECONDARY CLARIFIERS STRUCTURAL/MECHANICAL PLAN
R-5	CHLORINE CONTACT BASINS STRUCTURAL/MECHANICAL FOUNDATION PLAN
R-6	CHLORINE CONTACT BASINS STRUCTURAL/MECHANICAL PLAN AT ELEVATION 23.5
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R-11	SOLIDS BUILDING AND INCINERATOR MECHANICAL PLAN
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P-2	PRELIMINARY TREATMENT CONSTRUCTION AREA PHOTOGRAPHS
P-3	PRELIMINARY TREATMENT CONSTRUCTION AREA PHOTOGRAPHS
P-4	PRELIMINARY TREATMENT CONSTRUCTION AREA PHOTOGRAPHS
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P-6	PRELIMINARY TREATMENT CONSTRUCTION AREA PHOTOGRAPHS
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SD-1	DETAILS
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SD-3	DETAILS AND NOTES
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DRAWINGS
VOLUME 2 OF 2

BID DOCUMENTS

Key West Project No. SE 1401

CH2M HILL Project No. 486025

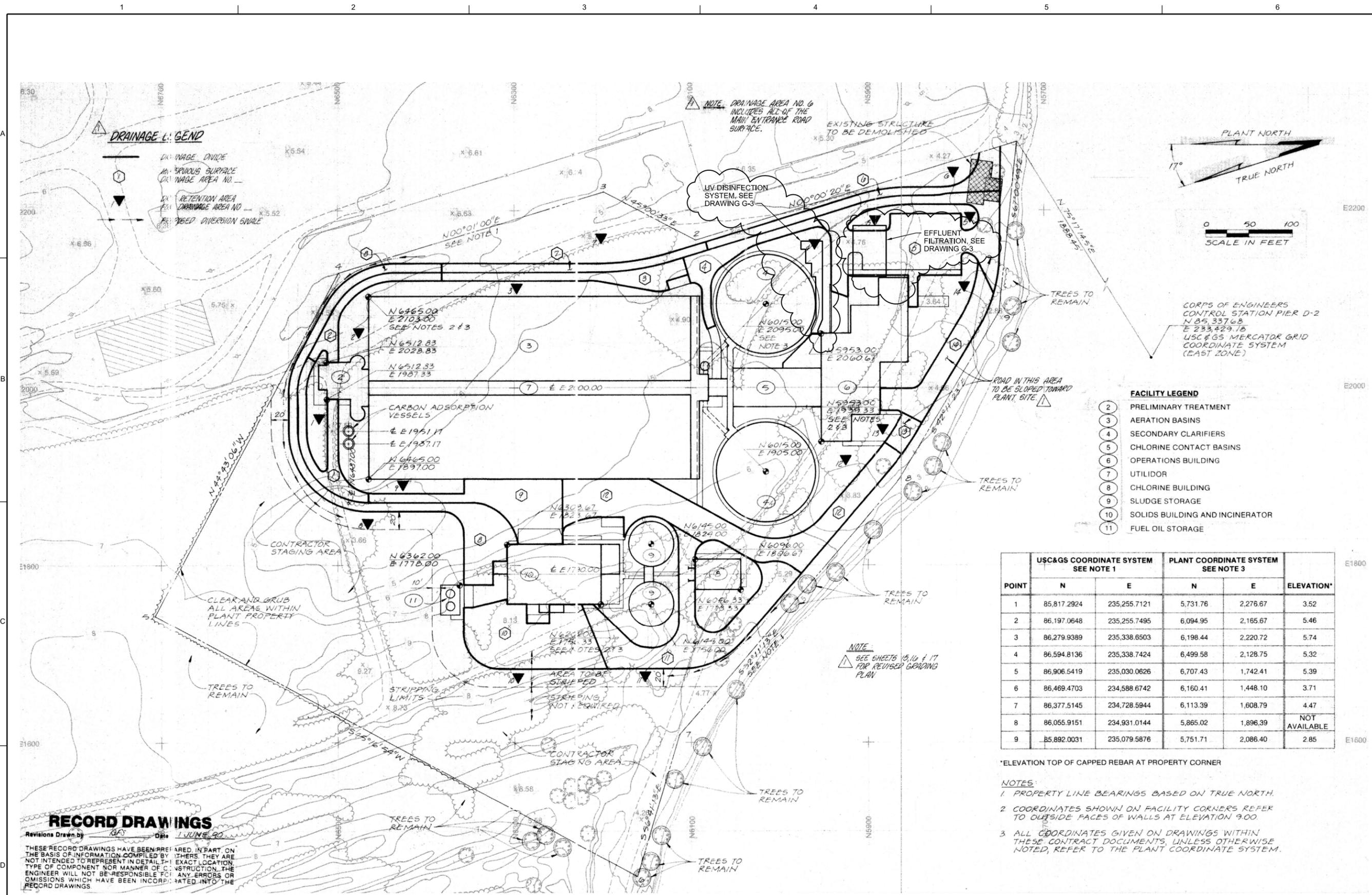
AUGUST 2015

NO.	DATE	DR	CHK	REVISION	BY	APVD
		D GARCIA	T LOOSE			D LANGE

3011 S.W. WILLISTON ROAD
GAINESVILLE, FLORIDA 32608
EB0000072 AAC001892
Delyne Lange PE 70164
SWR CONCRETE REPAIRS
RICHARD A. HEYMAN
ENVIRONMENTAL PROTECTION FACILITY
AND FLEMING KEY BRIDGE
CITY OF KEY WEST, FLORIDA

GENERAL
VICINITY MAP, LOCATION MAP
AND INDEX OF DRAWINGS

VERIFY SCALE	
BAR IS ONE INCH ON ORIGINAL DRAWING.	0 1"
DATE	AUGUST 2015
PROJ	486025
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- FACILITY LEGEND**
- 2 PRELIMINARY TREATMENT
 - 3 AERATION BASINS
 - 4 SECONDARY CLARIFIERS
 - 5 CHLORINE CONTACT BASINS
 - 6 OPERATIONS BUILDING
 - 7 UTILIDOR
 - 8 CHLORINE BUILDING
 - 9 SLUDGE STORAGE
 - 10 SOLIDS BUILDING AND INCINERATOR
 - 11 FUEL OIL STORAGE

POINT	US&GS COORDINATE SYSTEM SEE NOTE 1		PLANT COORDINATE SYSTEM SEE NOTE 3		ELEVATION*
	N	E	N	E	
1	85,817.2924	235,255.7121	5,731.76	2,276.67	3.52
2	86,197.0648	235,255.7495	6,094.95	2,165.67	5.46
3	86,279.9389	235,338.6503	6,198.44	2,220.72	5.74
4	86,594.8136	235,338.7424	6,499.58	2,128.75	5.32
5	86,906.5419	235,030.0626	6,707.43	1,742.41	5.39
6	86,469.4703	234,588.6742	6,160.41	1,448.10	3.71
7	86,377.5145	234,728.5944	6,113.39	1,608.79	4.47
8	86,055.9151	234,931.0144	5,865.02	1,896.39	NOT AVAILABLE
9	85,892.0031	235,079.5876	5,751.71	2,086.40	2.85

*ELEVATION TOP OF CAPPED REBAR AT PROPERTY CORNER

- NOTES:**
1. PROPERTY LINE BEARINGS BASED ON TRUE NORTH.
 2. COORDINATES SHOWN ON FACILITY CORNERS REFER TO OUTSIDE FACES OF WALLS AT ELEVATION 9.00
 3. ALL COORDINATES GIVEN ON DRAWINGS WITHIN THESE CONTRACT DOCUMENTS, UNLESS OTHERWISE NOTED, REFER TO THE PLANT COORDINATE SYSTEM.

RECORD DRAWINGS

Revisions Drawn by: *GA* Date: *1 JUNE 20*

THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED BY OTHERS. THEY ARE NOT INTENDED TO REPRESENT IN DETAIL THE EXACT LOCATION, TYPE OF COMPONENT NOR MANNER OF CONSTRUCTION. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE RECORD DRAWINGS.

CH2MHILL

GENERAL
SITE PLAN

3011 S.W. WILLISTON ROAD
GAINESVILLE, FLORIDA 32608
EG0000072 AAC001892
Delayne Lange PE 70184
SWM CONCRETE REPAIRS
RICHARD A. HEYMAN
ENVIRONMENTAL PROTECTION FACILITY
AND FLEMING KEY BRIDGE
CITY OF KEY WEST, FLORIDA
KEY WEST, FLORIDA

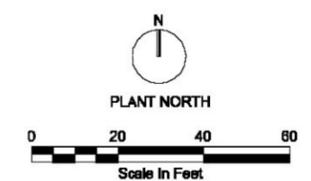
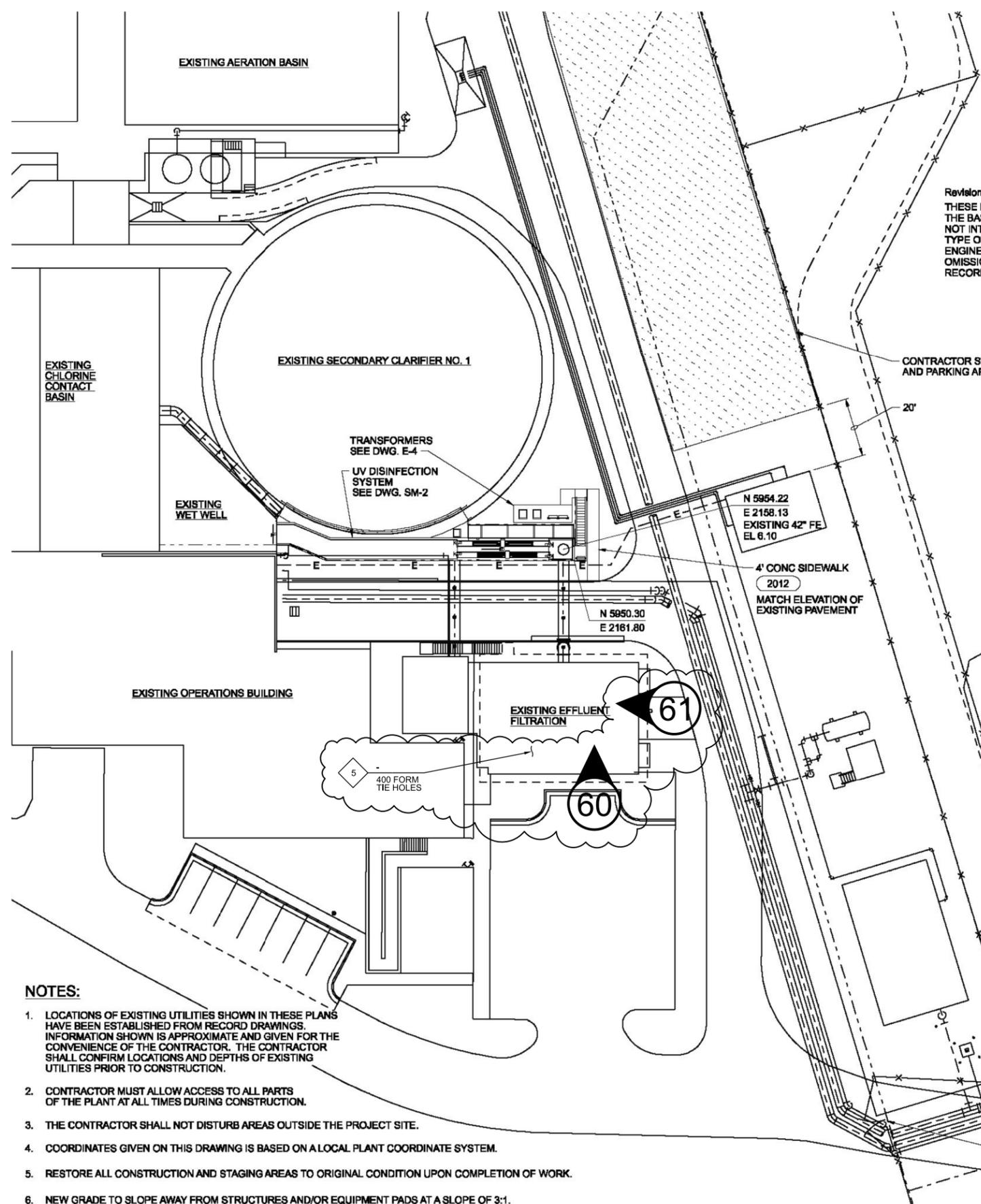
NO. DATE DSGN DR APVD BY APVD

REVISION CHECK

D LANGE
P KARABAN
D GARCIA

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
DATE: AUGUST 2015
PROJ: 486025
DWG: G-3
SHEET: 3 of 37

BID DOCUMENTS



RECORD DRAWINGS

Revisions Drawn By K DIAZ Date MAY 2007
 THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED BY OTHERS. THEY ARE NOT INTENDED TO REPRESENT IN DETAIL THE EXACT LOCATION, TYPE OF COMPONENT NOR MANNER OF CONSTRUCTION. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE RECORD DRAWINGS.

LEGEND:

EXISTING	THIS CONTRACT	
× 157.7	⊗ 158.5	SPOT ELEVATION
~ 165	~ 165	CONTOUR LINE
→	→	DRAINAGEWAY OR DITCH
▣	▣	CATCH BASIN
⊙ OR ○	●	MANHOLE
✻ OR ✻	✻	TREE
⊙	⊙	DISPOSAL WELL
⊙	⊙	FIRE HYDRANT
⊙	⊙	ELECTRICAL MANHOLE OR HANDHOLE
☀ OR ☀	☀ OR ☀	LIGHT POLE
●	●	POST OR GUARD POST
◇	◇	UTILITY POLE
	△	SURVEY CONTROL POINT OR POINT OF INTERSECTION
	---	BELOW GRADE STRUCTURE
	⊙	STRUCTURE, BUILDING OR FACILITY LOCATION POINT - COORDINATES
▭ OR ○	▭ OR ○	STRUCTURE, BUILDING OR FACILITY
	▨	STAGING AREA
—x—x—x—x—	—x—x—x—x—	CHAIN LINK FENCE
∨ OR ∨	∨ OR ∨	SWING GATE
	▨ OR ▨	DEMOLITION

NOTE: THIS IS A STANDARD LEGEND. SOME SYMBOLS MAY APPEAR ON THIS SHEET AND NOT BE USED ON THE PLAN.

RECORD DRAWINGS

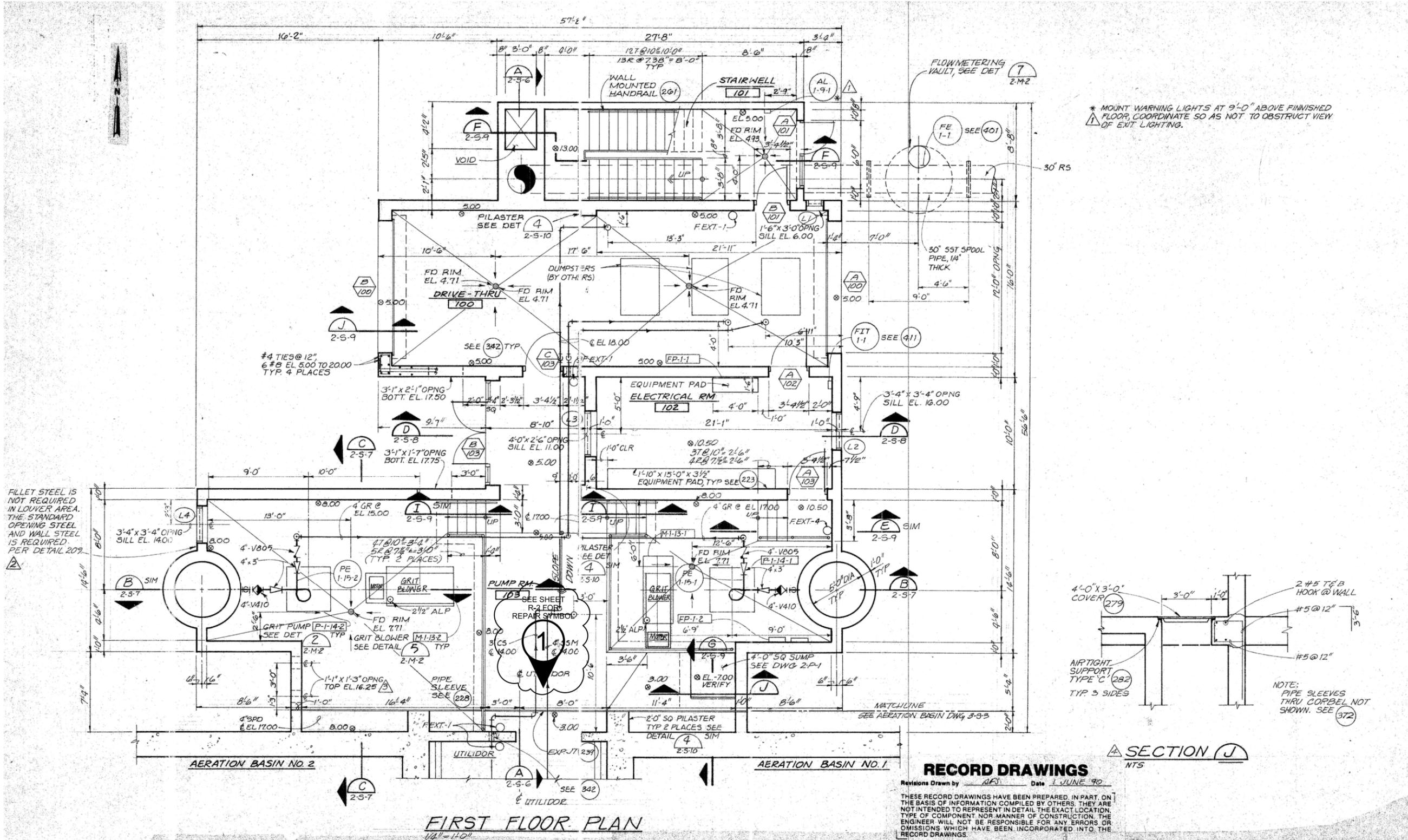
Revisions Drawn By K DIAZ Date MAY 2007
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NOTES:

1. LOCATIONS OF EXISTING UTILITIES SHOWN IN THESE PLANS HAVE BEEN ESTABLISHED FROM RECORD DRAWINGS. INFORMATION SHOWN IS APPROXIMATE AND GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR SHALL CONFIRM LOCATIONS AND DEPTHS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
2. CONTRACTOR MUST ALLOW ACCESS TO ALL PARTS OF THE PLANT AT ALL TIMES DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL NOT DISTURB AREAS OUTSIDE THE PROJECT SITE.
4. COORDINATES GIVEN ON THIS DRAWING IS BASED ON A LOCAL PLANT COORDINATE SYSTEM.
5. RESTORE ALL CONSTRUCTION AND STAGING AREAS TO ORIGINAL CONDITION UPON COMPLETION OF WORK.
6. NEW GRADE TO SLOPE AWAY FROM STRUCTURES AND/OR EQUIPMENT PADS AT A SLOPE OF 3:1.

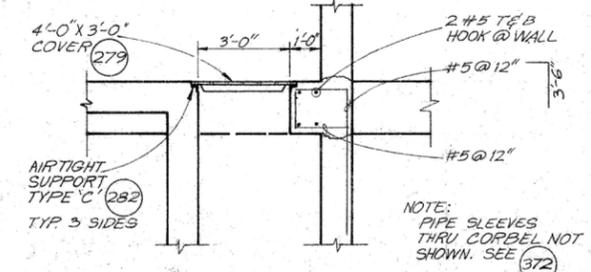
3011 S.W. WILLISTON ROAD
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 EB0000072 AAC001892
 Delayne Lange PE 70164
 SWR CONCRETE REPAIRS
 RICHARD A. HEYMAN
 ENVIRONMENTAL PROTECTION FACILITY
 AND FLEMING KEY BRIDGE
 CITY OF KEY WEST
 KEY WEST, FLORIDA

CH2MHILL®	
GENERAL	SITE PLAN
VERIFY SCALE	
BAR IS ONE INCH ON ORIGINAL DRAWING.	
DATE	AUGUST 2015
PROJ	486025
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* MOUNT WARNING LIGHTS AT 9'-0" ABOVE FINISHED FLOOR, COORDINATE SO AS NOT TO OBSTRUCT VIEW OF EXIT LIGHTING.

FILLET STEEL IS NOT REQUIRED IN LOUVER AREA. THE STANDARD OPENING STEEL AND WALL STEEL IS REQUIRED PER DETAIL 209.

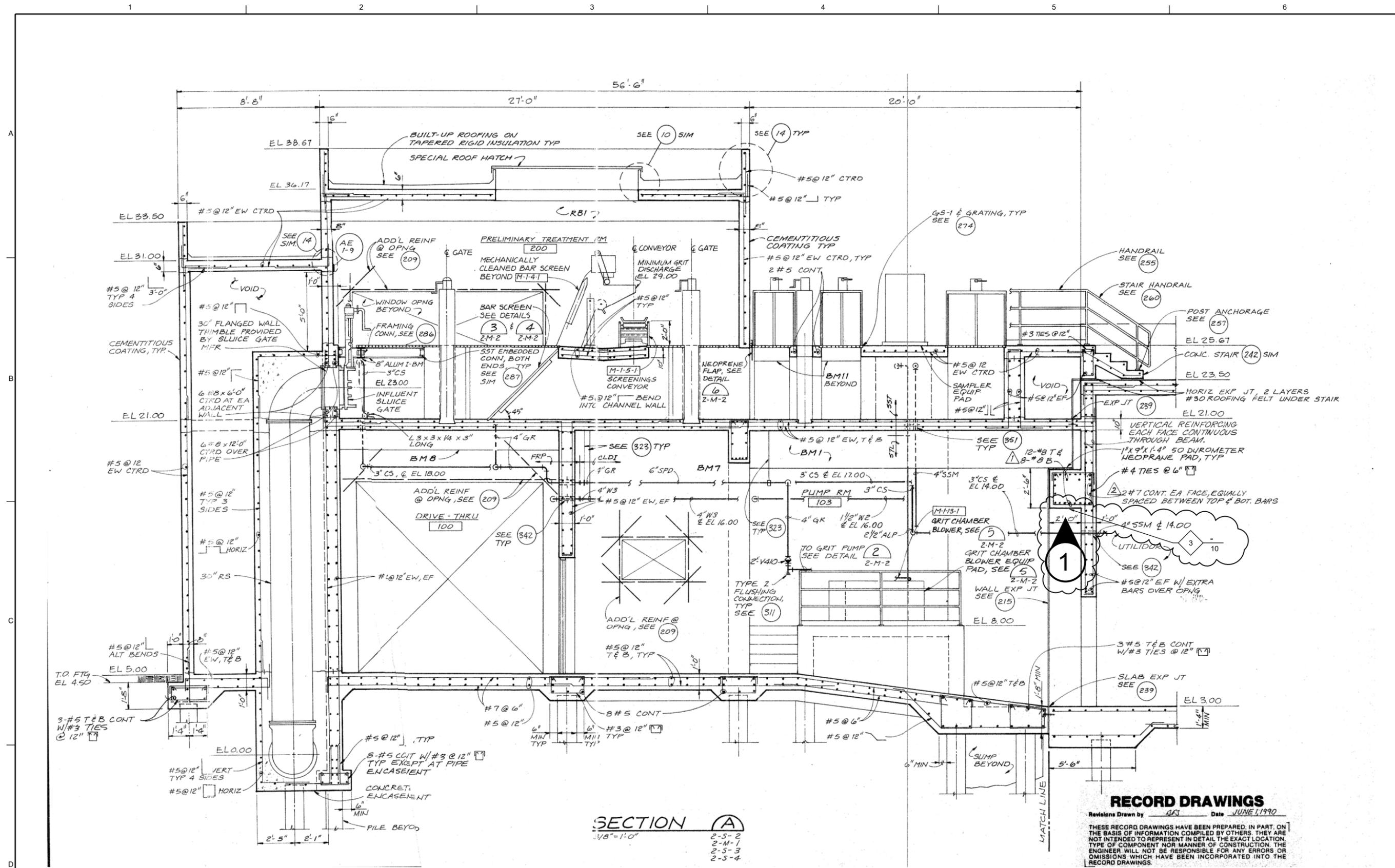


FIRST FLOOR PLAN

RECORD DRAWINGS

Revisions Drawn by RFJ Date 1 JUNE 90
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3011 SW WILLISTON ROAD GAINESVILLE, FLORIDA 32608 EB0000072 AAC001892 Delayne Langa PE 70194		SWR CONCRETE REPAIRS RICHARD A. HEYMAN ENVIRONMENTAL PROTECTION FACILITY AND FLEMING KEY BRIDGE CITY OF KEY WEST, FLORIDA KEY WEST, FLORIDA		D LANGE D LANGE S PASTEUR D GARCIA	
STRUCTURAL		PRELIMINARY TREATMENT STRUCTURAL/MECHANICAL FIRST FLOOR PLAN		NO. DATE REVISION CHK DR APVD BY APVD	
VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING.		DATE AUGUST 2015 PROJ 486025 DWG R-1 SHEET 5 of 37		PLOT DATE: 8/21/2015 PLOT TIME: 6:12:28 AM	



SECTION A
 1/8" = 1'-0"

2-5-2
2-M-1
2-5-3
2-5-4

RECORD DRAWINGS
 Revisions Drawn by AKJ Date JUNE 1, 1990
 THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED BY OTHERS. THEY ARE NOT INTENDED TO REPRESENT IN DETAIL THE EXACT LOCATION, TYPE OF COMPONENT NOR MANNER OF CONSTRUCTION. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE RECORD DRAWINGS.

3011 S.W. WILSON ROAD GAINESVILLE, FLORIDA 32608 EB0000072 AAC001892 Delyane Lange PE 70194		SWR CONCRETE REPAIRS RICHARD A. HEYMAN ENVIRONMENTAL PROTECTION FACILITY AND FLEMING KEY BRIDGE CITY OF KEY WEST, FLORIDA KEY WEST, FLORIDA	
STRUCTURAL PRELIMINARY TREATMENT STRUCTURAL/MECHANICAL SECTION		D LANGE S PASTEUR D GARCIA	
VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING.		NO. DATE REVISION CHK APVD	
DATE	AUGUST 2015	D LANGE	
PROJ	486025	BY APVD	
DWG	R-2	BY APVD	
SHEET	6 of 37	BY APVD	

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BID DOCUMENTS